



GEOMETRIC LEGEND	
---	EXISTING
---	PROPOSED
UTILITY LEGEND	
SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES

- CONSTRUCTION DETAILS**
- A. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 60 FT. MAST ARM WITH SIGNAL HEADS, PEDESTRAIN SIGNALS, PUSHBUTTON, SIGNS, 250 WATT HPS LUMINAIRE, 20 FT. LIGHTING ARM AND OVERHEAD VIDEO DETECTION. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND AND FOUR-2 IN. X 90 IN. ANCHOR BOLTS.) STA. 106+14, 53 RT.
 - B. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE (CUT DOWN TO 21 FT.) WITH SINGLE 60 FT. MAST ARM WITH SIGNAL HEADS, PEDESTRAIN SIGNALS, PUSHBUTTON, SIGNS AND OVERHEAD VIDEO DETECTION. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND AND FOUR-2 IN. X 90 IN. ANCHOR BOLTS.) STA. 105+41, 53' LT.
 - C. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH SINGLE 60 FT. MAST ARM WITH SIGNAL HEADS, PEDESTRAIN SIGNALS, PUSHBUTTON, SIGNS, 250 WATT HPS LUMINAIRE, 20 FT. LIGHTING ARM AND OVERHEAD VIDEO DETECTION. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND AND FOUR-2 IN. X 90 IN. ANCHOR BOLTS.) STA. 105+08, 46' RT.
 - D. INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE (CUT DOWN TO 21 FT.) WITH SINGLE 50 FT. MAST ARM WITH SIGNAL HEADS, PEDESTRAIN SIGNALS, PUSHBUTTON, SIGNS AND OVERHEAD VIDEO DETECTION. (NOTE: ONE 3 IN. PVC SCHEDULE 80 CONDUIT BEND AND FOUR-1 3/4 IN. X 90 IN. ANCHOR BOLTS.) STA. 106+67, 75' LT.
 - E. INSTALL A NEMA SIZE 6 BASE MOUNTED CONTROLLER AND CABINET WITH ELECTRICAL UTILITY SERVICE EQUIPMENT FOR UNDERGROUND SERVICE. (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80 CONDUIT BENDS.) STA. 106+19, 124 RT.
 - F. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED STUBUP CONDUIT BEND AT BASE OF POWER POLE AND COIL UP 35 FT. OF SLACK CABLE.
 - G. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - H. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
 - J. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
 - K. INSTALL HANDHOLE.
 - L. INSTALL 24 IN. WHITE, REFLECTIVE, THERMOPLASTIC PAVEMENT MARKING TAPE FOR STOP LINE.
 - M. INSTALL 12 IN. WHITE, PAVEMENT MARKING TAPE FOR CROSSWALKS.
 - N. INSTALL MICRO-LOOP PROBE SET WITH 500 FT. LEAD-IN CABLE.
 - P. REMOVE EXISTING BASE MOUNTED CONTROLLER, CABINET AND FOUNDATION 12 IN. BELOW GRADE AND BACKFILL.
 - Q. REMOVE EXISTING POLE AND FOUNDATION 12" BELOW GRADE AND BACKFILL.
 - R. REMOVE EXISTING SPAN WIRE AND ALL ASSOCIATED EQUIPMENT.
 - S. INSTALL 1 IN. LIQUID TIGHT, FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT. (DETECTOR WIRE SLEEVE)
 - T. USE EXISTING HANDHOLE.
 - U. USE EXISTING CONDUIT.
 - V. INSTALL MICRO-LOOP PROBE SET WITH 1000 FT. LEAD-IN CABLE.

2 REDLINE REVISION NO. 2
NEW SHEET 02/ /03

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REVISIONS		APPROVALS	
1	RECONSTRUCT SIGNAL AND MODIFY L.T. TURN PHASING. SHA NO. PG3735176. SWA	04/18/02	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
2	ADJUST SIGNAL HEADS, ADD LUMINAIRE. SHA NO. QT 1999-1	03/00	ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
3	AS-BUILT SHA NO. PG1805171	10/23/98	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
4			DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN

MD 212 (RIGGS ROAD) AT MD 410 (EAST-WEST HIGHWAY)

DRAWN BY: R.E. WATSON	F.A.P. NO. S.H.A. NO.	P. 800-501-385	TS NO. 1778 C	SHEET NO. OF
CHECKED BY: H.J.K.	COUNTY: PRINCE GEORGES	LOG MILE: 1602201.26	T.I.M.S. NO. D. 486	
SCALE: 1" = 20'	DATE: 5/30/80			